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TITLE: GENE DELIVERY VECTOR PROVIDED WITH TISSUE TROPISM TO
SMOOTH MUSCLE CELL AND/OR ENDOTHELIAL CELL

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Abstract Text - FPAR (2):

SOLUTION: This new gene delivery medium which is provided with a tissue tropism at least to a smooth muscle cell and/or an endothelial cell by a virus capsid and from which tissue tropism at least to hepatocyte is removed is useful for gene therapy for treating cardiovascular diseases, using an adenovirus, etc. The gene delivery medium is obtained by combining a nucleic acid encoding a fiber protein composed of at least one tissue tropism determining fragment of fiber protein such as adenovirus 16 of subgroup B with a non-fiber capsid protein fragment derived from an adenovirus 5 of subgroup C and further using at least one non-adenovirus nucleic acid to prepare a recombinant adenovirus capsid.